

LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE  
REGARDING CERTAIN PATENT MATTERS  
EFFECTIVE THROUGH: December 31, 2004

\*\*\*\*\*

I, Paul W. Sandman, as Senior Vice President, Secretary, and General Counsel of Boston Scientific Corporation, the controlling corporation of:

AMS Medinvent S.A.; Boston Scientific BV; Boston Scientific Corporation Northwest Technology Center, Inc.; Boston Scientific Ireland Limited; Boston Scientific Japan KK; Boston Scientific Limited; Boston Scientific Scimed, Inc. (formerly known as Schneider (USA), Inc.); Cardiovascular Innovations Canada, Inc.; Corvita Canada, Inc.; Corvita Corporation; Corvita Europe S.A.; EP Technologies, Inc.; Laboratoires Corvita S.A.R.L.; Meadox Medicals, Inc.; NAMIC Eireann Limited; NAMIC International, Inc.; Nilo Holding, S.A.; Schneider (Europe) GmbH; Schneider Belgium NV; Schneider Holland BV; Schneider Ireland BV; Schneider Puerto Rico (formerly known as NAMIC Caribe, Inc.); Schneider/NAMIC; Scimed Life Systems, Inc.; Symbiosis Corporation; Target Therapeutics, Inc.; Cardiac Pathways Corporation; Interventional Technologies, Inc.; Embolic Protection, Inc.; Quantum Corporation; Smart Therapeutics, Inc.; Radio Therapeutics Corporation; Catheter Innovations Corp.; Enteric Medical Technologies, Inc.; BEI Medical Systems; Heart Technologies; Vesica; and Inflow Dynamics Inc.;

hereby authorize the following registered patent attorneys/agents (1) to act on behalf of any of the corporations identified above, including Boston Scientific Corporation, with regard to any matters before the United States Patent and Trademark Office, any foreign patent offices, and any international patent entities, (2) to execute power of attorney documents on behalf of any of the corporations identified above, including Boston Scientific Corporation, to appoint and/or establish any attorneys, agents, and/or law firms to act on behalf of any of the corporations identified above, including Boston Scientific Corporation, in any foreign or international patent applications filed with any foreign and/or international patent offices, and (3) to execute assignment and ownership documents on behalf of any of the corporations identified above, including Boston Scientific Corporation, with regard to any matters before the United States Patent and Trademark Office, any foreign patent offices, and any international patent offices:

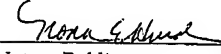
Scott T. Bluni .....	Reg. No. 40,916
James R. Chiapetta .....	Reg. No. 39,634
Luke R. Dohmen .....	Reg. No. 36,783
Peter J. Gafner .....	Reg. No. 36,517
Albert K. Kau .....	Reg. No. 40,672
Kurt W. Lockwood .....	Reg. No. 40,704
Steven A. McAuley .....	Reg. No. 46,084
Todd P. Messal .....	Reg. No. 42,883
Robert M. Rauker .....	Reg. No. 40,782
William J. Shaw .....	Reg. No. 43,111

  
Paul W. Sandman  
Senior Vice President, Secretary, and General Counsel

  
Date

COMMONWEALTH OF MASSACHUSETTS )  
 ) ss.  
COUNTY OF MIDDLESEX )

On this 6<sup>th</sup> day of January, 2004 before me personally appeared Paul W. Sandman to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes set forth herein.

  
Mona E. Hurd  
NOTARY PUBLIC

My commission expires Sept 18, 2009

[c:\Limited Authorizations(1)]

## DECLARATION

As a below-named inventor, I(we) hereby declare that:

## TYPE OF DECLARATION

This declaration is of the following type:

- ☒ original
- ☐ design
- ☐ supplemental
- ☐ national stage of PCT
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part (CIP)

## INVENTORSHIP DECLARATION

My residence, post office address, and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## BALLOON EXPANDABLE STENT WITH A SELF-EXPANDING PORTION

the specification of which

- a) ☒ is being filed concurrently herewith
- b) ☐ was filed on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_
- c) ☐ was filed as PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and amended under PCT Article 19 on \_\_\_\_\_.

## ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56 including information occurring between the filing date of any prior application of which the present application is a continuation-in-part.

- ☐ In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.97.

## PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d), of any foreign application(s) for patent or inventor's certificate or of any PCT international applications(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international applications(s) designating at least one country other than the United States of America filed by me having the same subject matter having a filing date before that of the application on which priority is claimed.

- a) ☒ no such applications have been filed.  
b) ☐ such applications have been filed as follows:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35 United States Code, §119(e) of any United States provisional application identified below.

- a) ☒ no such applications have been filed.  
b) ☐ such applications have been filed as follows:

U.S. APPLICATIONS	
SERIAL NUMBER	U.S. FILING DATE
1.	
2.	

#### CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATIONS(S) UNDER 35 U.S.C. §120

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) or PCT international applications(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior applications(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior applications(s) and the national or PCT international filing date of this application.

- a) ☒ no such applications have been filed.  
b) ☐ such applications have been filed as follows.

U.S. APPLICATIONS	
SERIAL NUMBER	U.S. FILING DATE
1.	
2.	
PCT APPLICATIONS DESIGNATING THE U.S.	
PCT APPLICATION NO.	PCT FILING DATE
1.	

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Telephone calls and correspondence should be directed to: Oliver F. Arrett, VIDAS, ARRETT & STEINKRAUS, P.A., Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9131, Telephone: (612) 563-3000, Facsimile (612) 563-3001.

**First Inventor**

Full name: Anthony C. Vrba  
Inventor's signature: Anthony C. Vrba  
Date: 5/27/98  
Citizenship: United States of America  
Post office Address: 12266 - 88th Place North  
Maple Grove, MN 55369

Residence:  
(If different than above)

**Second Inventor**

Full name: \_\_\_\_\_  
Inventor's signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Citizenship: \_\_\_\_\_

Post office Address: \_\_\_\_\_

Residence:  
(If different than above)



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

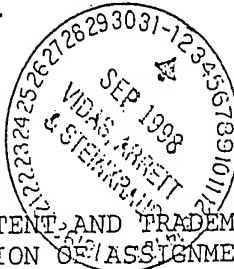
AUGUST 25, 1998

PTAS

VIDAS, ARRETT & STEINKRAUS, P.A.  
OLIVER F. ARRETT  
SUITE 2000  
6109 BLUE CIRCLE DRIVE  
MINNETONKA, MN 55343-9131



\*100742579A\*



UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION  
OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/29/1998

REEL/FRAME: 9243/0470  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
VRBA, ANTHONY C.

DOC DATE: 05/29/1998

ASSIGNEE:  
SCIMED LIFE SYSTEMS, INC.  
ONE SCIMED PLACE  
MAPLE GROVE, MINNESOTA 55311

SERIAL NUMBER: 09087526  
PATENT NUMBER:

FILING DATE: 05/29/1998  
ISSUE DATE:

SHIRLIE SIMON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

06-19-1998

RJ



RET

100742579

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Anthony C. Vrba

Additional name(s) of conveying party(ies)  
attached? ☐ yes ☒ no

3. Nature of Conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_  
Execution Date: 5-29-98

2. Name and address of receiving party(ies):

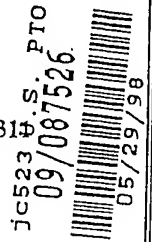
Name: SciMed Life Systems, Inc.

Internal Address:

Street Address: One SCIMED Place, Maple Grove, MN 55311

City State Zip

Additional name(s) & address(es) attached? ☐ Yes ☒ No



4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s)  
Filed Concurrently Herewith

B. Patent No.(s)

Additional numbers attached? ☐ yes ☒ no

5. Name and address of party to whom  
correspondence concerning document should be  
mailed:

Oliver F. Arrett  
Vidas, Arrett & Steinkraus, P.A.  
Suite 2000, 6109 Blue Circle Drive  
Minnetonka, MN 55343-9131

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit Account Number: 22-0350

(Attach duplicate of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Oliver F. Arrett

Signature

5/29/98  
Date

Total number of pages including cover sheet, attachments, and document: 2

OMB No. 0651-011 (exp. 4/94)

19/1998 SSNITH 00000001 09087526

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FC:581 40.00 CP

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Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

UTILITY/DESIGN PATENT

Docket No. S63.2-6927

ASSIGNMENT

WHEREAS, I(we), Anthony C. Vrba residing at 12266 - 88th Place North, Maple Grove, MN 55369 have invented and own the entire United States right, title and interest in an invention for

BALLOON EXPANDABLE STENT WITH A SELF-EXPANDING PORTION

disclosed in my application for United States Letter Patent filed

- ☒ concurrently herewith  
☐ on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_; and

I hereby authorize and request any attorney of Vidas, Arrett & Steinkraus, P.A., Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9131, to insert the filing date and application number of said application above when known.

WHEREAS, SciMed Life Systems, Inc. ("Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having its principal place of business at One SCIMED Place, Maple Grove, MN 55311, is desirous of acquiring the entire right, title, and interest in and to said invention, to said application for any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon;

NOW, THEREFORE, Be It Known that for good and valuable consideration, the receipt of all of which is hereby acknowledged, I(we) hereby sell, assign, and transfer unto Assignee, its successors, and assigns, the entire right, title and interest, legal and equitable, in and to said invention, to said application for any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon; and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent and all Design Letters Patent which may be granted to said invention to Assignee.

Dated: 5/29/98 First Inventor's Signature: \_\_\_\_\_  
First Inventor's Name: \_\_\_\_\_

Anthony C. Vrba  
Anthony C. Vrba

Dated: \_\_\_\_\_ Second Inventor's Signature: \_\_\_\_\_  
Second Inventor's Name: \_\_\_\_\_

Dated: \_\_\_\_\_ Third Inventor's Signature: \_\_\_\_\_  
Third Inventor's Name: \_\_\_\_\_

Dated: \_\_\_\_\_ Fourth Inventor's Signature: \_\_\_\_\_  
Fourth Inventor's Name: \_\_\_\_\_

UTILITY/DESIGN PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Anthony C. Vrba
Title:	BALLOON EXPANDABLE STENT WITH A SELF-EXPANDING PORTION
Filed:	<input checked="" type="checkbox"/> concurrently herewith <input type="checkbox"/> on _____ and assigned Serial No. _____

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, DC 20231

Docket No: S63.2-6927

POWER OF ATTORNEY FROM ASSIGNEE

As assignee of record of the entire interest of the above identified patent application, SciMed Life Systems, Inc. hereby appoints the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Oliver F. Arrett	Reg. No. 22,117
Scott Q. Vidas	Reg. No. 30,812
Walter J. Steinkraus	Reg. No. 29,592
Richard A. Arrett	Reg. No. 33,153
Robert O. Vidas	Reg. No. 20,164
Leoniede M. Brennan	Reg. No. 35,832
Jane H. Arrett	Reg. No. 33,355
William E. Anderson II	Reg. No. 37,766
Jonathan Grad	Reg. No. P-41,795

all of Vidas, Arrett & Steinkraus, P.A., Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9131, Telephone: (612) 563-3000, Facsimile (612) 563-3001, and hereby authorizes them to act and rely on instructions from, and to communicate directly with, the firm or person which sent this case to Vidas, Arrett & Steinkraus, P.A., unless or until it instructs Vidas, Arrett & Steinkraus P.A., in writing to the contrary.

Dated this 29th day of May, 1998.

(Company Name)

SciMed Life Systems, Inc.

(Signature)

By 

(typed name)

Luke Dohmen

(title)

Its: Sr. Patent Attorney



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Vrba
Application No.:	Not Assigned
Filed:	Not Assigned
For:	Balloon Expandable Stent with a Self-Expanding Portion
Group Art Unit:	Not Assigned

Mail Stop \_\_\_\_\_  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Docket No.: S63.2N-6927-US04

## ASSIGNEE'S STATEMENT OF OWNERSHIP 37 CFR 3.73(B)

Scimed Life Systems, Inc., a Minnesota corporation, is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

A. ☒ An assignment from the inventor(s) of the patent application identified above. A photocopy of the Assignment is enclosed. Assignment was recorded on May 29, 1998, Reel 9243, Frame 0470. The original Assignment is being mailed to Assignment Branch for recording.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From : \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From : \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

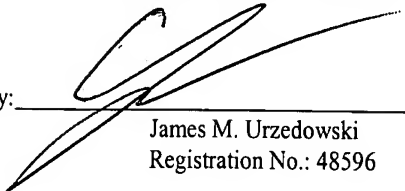
☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this statement of ownership certificate on behalf of the assignee.

Respectfully submitted,

VIDAS, ARRETT & STEINKRAUS

Date: 3/24/04

By:   
James M. Urzedowski  
Registration No.: 48596

6109 Blue Circle Drive, Suite 2000  
Minnetonka, MN 55343-9185  
Telephone: (952) 563-3000  
Facsimile: (952) 563-3001

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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 25, 1998

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VIDAS, ARRETT & STEINKRAUS, P.A.  
OLIVER F. ARRETT  
SUITE 2000  
6109 BLUE CIRCLE DRIVE  
MINNETONKA, MN 55343-9131



**COPY**  
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RECORDATION DATE: 05/29/1998

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ASSIGNOR:

VRBA, ANTHONY C.

DOC DATE: 05/29/1998

ASSIGNEE:

SCIMED LIFE SYSTEMS, INC.  
ONE SCIMED PLACE  
MAPLE GROVE, MINNESOTA 55311

SERIAL NUMBER: 09087526  
PATENT NUMBER:

FILING DATE: 05/29/1998  
ISSUE DATE:

**COPY**

SHIRLIE SIMON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

06-19-1998

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

RJ



ET

100742579

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Anthony C. Vrba

2. Name and address of receiving party(ies):  
Name: SciMed Life Systems, Inc.  
Internal Address:

Additional name(s) of conveying party(ies)  
attached? ☐ yes ☒ no

Street Address: One SCIMED Place, Maple Grove, MN 55314

City State Zip

3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date: 5-29-98

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s)  
Filed Concurrently Herewith

B. Patent No.(s)

Additional numbers attached? ☐ yes ☒ no

5. Name and address of party to whom  
correspondence concerning document should be  
mailed:

Oliver F. Arrett  
Vidas, Arrett & Steinkraus, P.A.  
Suite 2000, 6109 Blue Circle Drive  
Minnetonka, MN 55343-9131

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit Account Number: 22-0350  
(Attach duplicate of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Oliver F. Arrett

Signature

5/29/98

Date

Total number of pages including cover sheet, attachments, and document: 2

OMB No. 0651-011 (exp. 4/94)

6/19/1998 SSNITH 00000001 09087526

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Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

# UTILITY/DESIGN PATENT

Docket No. S63.2-6927

## ASSIGNMENT

WHEREAS, I(we), Anthony C. Vrba residing at 12266 - 88th Place North, Maple Grove, MN 55369 have invented and own the entire United States right, title and interest in an invention for

### BALLOON EXPANDABLE STENT WITH A SELF-EXPANDING PORTION

disclosed in my application for United States Letter Patent filed

- ☒ concurrently herewith  
☐ on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_; and

I hereby authorize and request any attorney of Vidas, Arrett & Steinkraus, P.A., Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9131, to insert the filing date and application number of said application above when known.

WHEREAS, SciMed Life Systems, Inc. ("Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having its principal place of business at One SCIMED Place, Maple Grove, MN 55311, is desirous of acquiring the entire right, title, and interest in and to said invention, to said application for any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon;

NOW, THEREFORE, Be It Known that for good and valuable consideration, the receipt of all of which is hereby acknowledged, I(we) hereby sell, assign, and transfer unto Assignee, its successors, and assigns, the entire right, title and interest, legal and equitable, in and to said invention, to said application for any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon; and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent and all Design Letters Patent which may be granted to said invention to Assignee.

Dated: 5/29/98 First Inventor's Signature:  
 First Inventor's Name:

Anthony C. Vrba  
 Anthony C. Vrba

Dated: \_\_\_\_\_ Second Inventor's Signature:  
 Second Inventor's Name:

Dated: \_\_\_\_\_ Third Inventor's Signature:  
 Third Inventor's Name:

Dated: \_\_\_\_\_ Fourth Inventor's Signature:  
 Fourth Inventor's Name: